

I claim:

1. A cable car system, comprising:

two pairs of supporting cables respectively anchored in a valley station and in a mountain station;

a self-contained traction cable formed with two loops substantially extending between the valley station and the mountain station, said traction cable having two strands commonly moving in a direction towards the valley station and two strands commonly moving in a direction towards the mountain station;

a plurality of cabins with coupling devices for coupling said cabins to said traction cable for movement along said supporting cables, and for decoupling said cabins from said traction cable for movement along guide rails respectively disposed in the valley station and in the mountain station.

2. The cable car system according to claim 1, wherein said supporting cables of the respective said pairs of supporting cables are disposed apart from one another by a spacing distance greater than a width of said cabins, and wherein said cabins are moved between said supporting cables of the respective said pair in each case.

3. The cable car system according to claim 2, wherein said commonly moving strands of said traction cable are disposed apart from one another by a spacing distance greater than the width of said cabins, and said cabins are disposed between said commonly moving strands of said traction cable.

4. The cable car system according to claim 3, wherein said commonly moving strands of said traction cable are disposed, transversely with respect to a direction of movement of said cabins, between said cabins and said supporting cables of the respective said pairs of supporting cables.

5. The cable car system according to claim 1, wherein said commonly moving strands of said traction cable are disposed apart from one another by a spacing distance greater than a width of said cabins, and said cabins are disposed between said commonly moving strands of said traction cable.

6. The cable car system according to claim 1, which comprises a plurality of mutually spaced-apart bars disposed above the respective said pairs of supporting cables and disposed to connect said supporting cables of said pairs of supporting cables to one another.

7. The cable car system according to claim 6, which comprises clamps for connecting said bars to said supporting cables from below.

8. The cable car system according to claim 6, which comprises supporting rollers for said traction cable mounted on said bars.

9. The cable car system according to claim 1, wherein said coupling devices are pivotally mounted to suspension bars of said cabins about an axis extending substantially parallel to a direction of movement of said traction cable for coupling to said strands of said traction cable.

10. The cable car system according to claim 9, wherein said coupling devices are pivotally disposed about axes transversely to the direction of movement of said traction cable and approximately horizontally, for coupling said coupling devices to said two commonly moving strands of said traction cable.

11. The cable car system according to claim 1, wherein said coupling devices are pivotally mounted to suspension bars of said cabins about axes extending approximately horizontally and transversely to a direction of movement of said traction

cable, for coupling to said two commonly moving strands of said traction cable.

12. The cable car system according to claim 1, wherein:

said commonly moving strands of said traction cable are guided between said valley station and said mountain station at a substantially equal height level;

two deflecting pulleys are disposed in one of said valley and mountain stations for guiding a respectively outer strand of said traction cable, and a driving pulley formed with two cable grooves for all of said strands of said traction cable; and

a reversing pulley is disposed in the other of said valley and mountain stations for guiding the respectively inner strands of said traction cable, and two mutually associated deflecting pulleys for guiding the outer strands of said traction cable.

13. The cable car system according to claim 1, wherein said coupling devices are mounted to suspension bars for said cabins and supporting rollers are disposed to project upwardly from said coupling device, wherein said supporting rollers are adapted to roll along supporting surfaces formed on supports for hold-down rollers whereby coupling clamps attaching said

coupling devices to said supporting cable are lifted off from the holding-down rollers in a vicinity thereof.